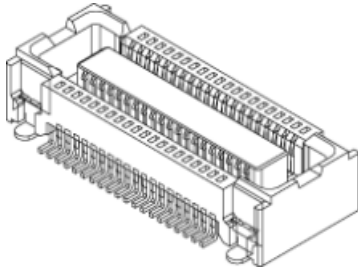# molex®
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Part Number: 500288-0400

0.40mm Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 3.00mm Stacking Height, with Solder Tabs

Status:	**OBSOLETE**
Replacement:	5002880470
Series:	500288
Category:	PCB Receptacles
Overview:	SlimStack™ 0.40mm Pitch Board-to-Board Connectors

Series image - Reference only

Mates With Part(s):
55686

Product Environmental Compliance

EU RoHS: Not RoHS Compliant

China RoHS: 🟠
REACH SVHC:
Low-Halogen Status: Not Reviewed

Part Detail

General

Status	**Obsolete**
Category	PCB Receptacles
Series	500288
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin-Copper
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	3.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

Material Info

UPC	756054482520

Reference - Drawing Numbers

Packaging Specification	SPK-500288-001
Product Specification	PS-500288-001, RPS-500288-001
Sales Drawing	SD-500288-002

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling
Check our list of old tooling that used to be available for this part